

1014-Y5-1143 **Anant P Godbole*** (godbolea@etsu.edu), ETSU Math Dept, Box 70663, Johnson City, TN
37614. *Talent Expansion in Quantitative Biology*. Preliminary report.

In 2003, the Institute for Quantitative Biology was formed at East Tennessee State University (ETSU) as a collaboration between the Math and Biology Departments. One of the major thrusts of this group has been to encourage persistence as a math major by involving students in innovative cross-disciplinary research projects. We have received NSF-UBM and NSF-STEP awards to further our quest. I will talk about the ETSU *Talent Expansion in Quantitative Biology* Program that will, over the next five years, take three cohorts of high school seniors and lead them through a bridge program between high school and college, followed by four undergraduate research experiences in topics at the confluence of math and biology. (Received September 27, 2005)